

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD010522AR\  
 Data File : FD040445.D  
 Signal(s) : FID2B.CH  
 Acq On : 06 Jan 2022 1:53  
 Operator : AJ\MA  
 Sample : N1016-01MS  
 Misc : 5 PPM LOQ SOIL  
 ALS Vial : 63 Sample Multiplier: 1

Integration File: sample.E  
 Quant Time: Jan 06 02:21:24 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 010422.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jan 05 01:13:45 2022  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

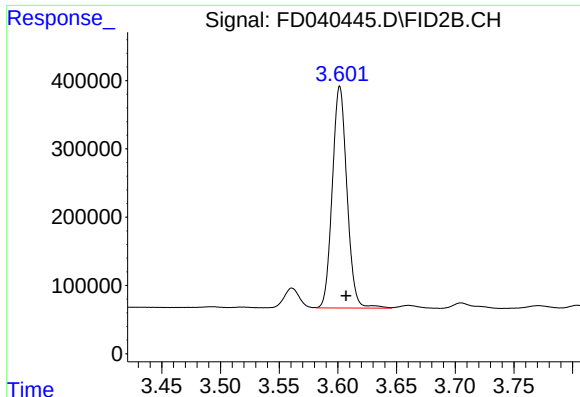
Volume Inj. : 1 µl  
 Signal Phase : Rxi-1ms  
 Signal Info : 20M x 0.18mm x 0.18µm

| Compound                           | R.T.   | Response   | Conc Units   |
|------------------------------------|--------|------------|--------------|
| -----                              |        |            |              |
| System Monitoring Compounds        |        |            |              |
| 4) S 2-Bromonaphthalene (S...      | 6.749  | 8206898    | 57.383 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 114.77%      |
| 6) S 2-Fluorobiphenyl (SURR)       | 7.598  | 5618713    | 59.006 ug/ml |
| Spiked Amount 50.000 Range 0 - 130 |        | Recovery = | 118.01%      |
| 11) S ortho-Terphenyl (SURR)       | 10.634 | 6037284    | 38.631 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 77.26%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 3.602  | 2821239    | 18.239 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.096  | 4274028    | 26.705 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.136  | 4369659    | 26.919 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 7.400  | 4635319    | 30.836 ug/ml |
| 7) T Acenaphthene (C15.5)          | 7.695  | 5403992    | 33.527 ug/ml |
| 8) T Fluorene (C16.55)             | 8.472  | 5399424    | 34.738 ug/ml |
| 9) T Phenanthrene (C19.36)         | 9.862  | 8682573    | 56.437 ug/ml |
| 10) T Anthracene (C19.43)          | 9.934  | 5724000    | 39.179 ug/ml |
| 12) T Fluoranthene (C21.85)        | 11.668 | 10729779   | 69.102 ug/ml |
| 13) T Pyrene (C20.8)               | 11.961 | 8917584    | 59.078 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 13.827 | 6821783    | 51.422 ug/ml |
| 15) T Chrysene (C27.41)            | 13.872 | 6770119    | 46.296 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 15.378 | 6896784    | 50.473 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 15.407 | 4726434    | 34.145 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 15.752 | 5663220    | 43.446 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.114 | 4431834    | 36.370 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.154 | 3747547    | 30.809 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 17.368 | 4499816    | 35.044 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

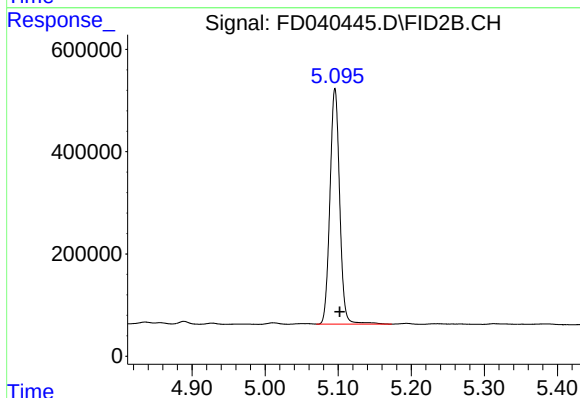
(m)=manual int.





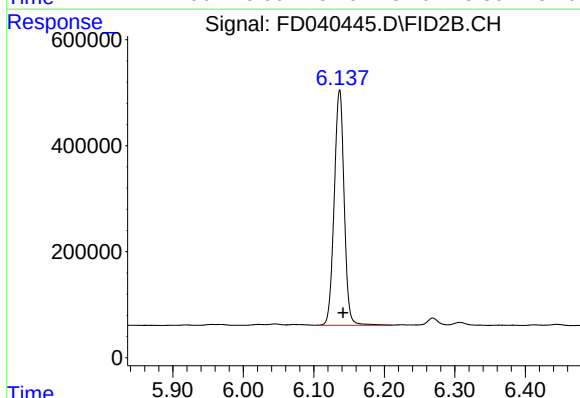
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 3.602 min  
Delta R.T.: -0.005 min  
Response: 2821239  
Conc: 18.24 ug/ml



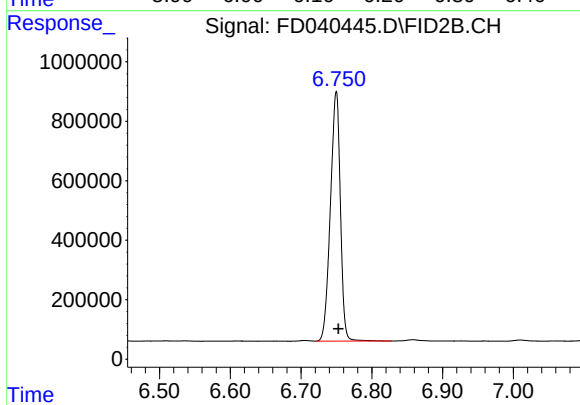
#2 Naphthalene (C11.7)

R.T.: 5.096 min  
Delta R.T.: -0.006 min  
Response: 4274028  
Conc: 26.70 ug/ml



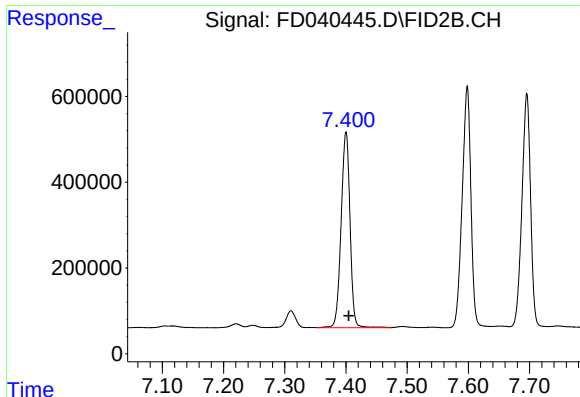
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.136 min  
Delta R.T.: -0.005 min  
Response: 4369659  
Conc: 26.92 ug/ml



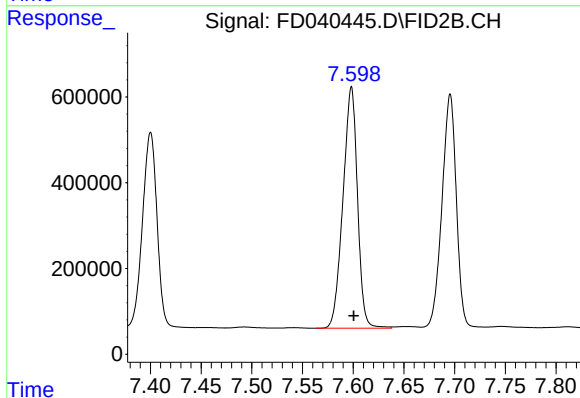
#4 2-Bromonaphthalene (SURR)

R.T.: 6.749 min  
Delta R.T.: -0.003 min  
Response: 8206898  
Conc: 57.38 ug/ml



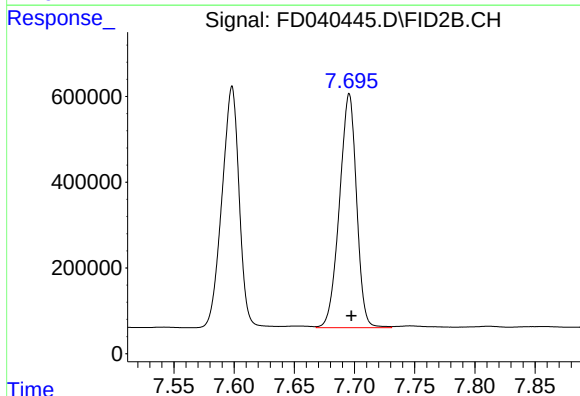
#5 Acenaphthylene (C15.06)

R.T.: 7.400 min  
Delta R.T.: -0.004 min  
Response: 4635319  
Conc: 30.84 ug/ml



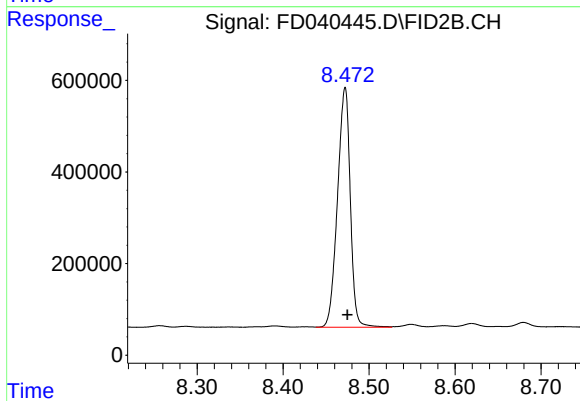
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.598 min  
Delta R.T.: -0.003 min  
Response: 5618713  
Conc: 59.01 ug/ml



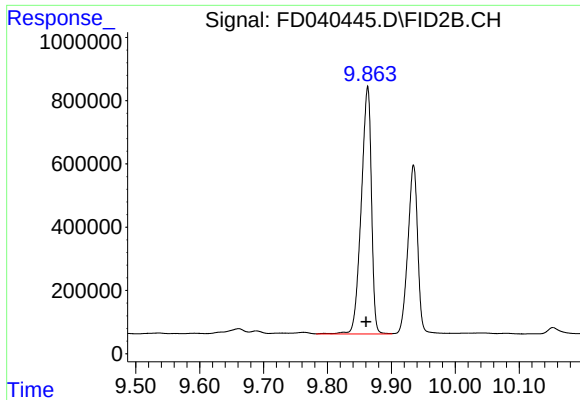
#7 Acenaphthene (C15.5)

R.T.: 7.695 min  
Delta R.T.: -0.002 min  
Response: 5403992  
Conc: 33.53 ug/ml



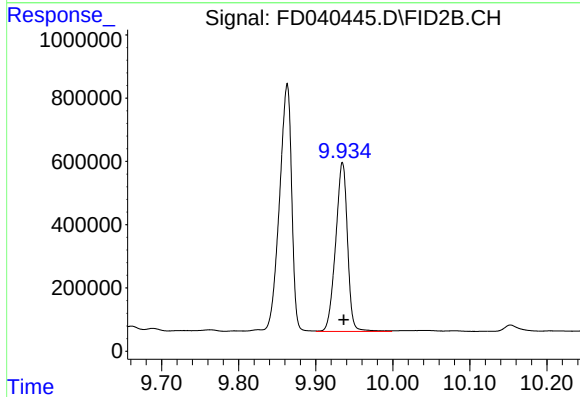
#8 Flouorene (C16.55)

R.T.: 8.472 min  
Delta R.T.: -0.003 min  
Response: 5399424  
Conc: 34.74 ug/ml



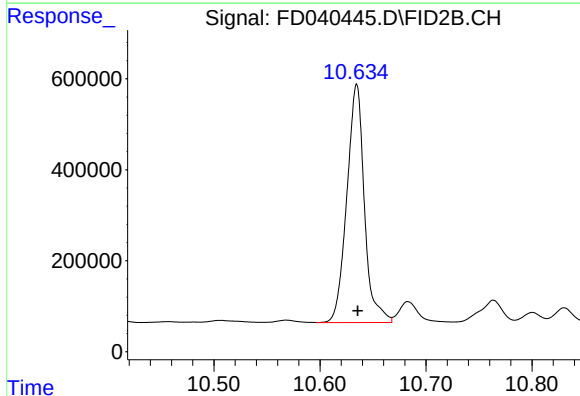
#9 Phenanthrene (C19.36)

R.T.: 9.862 min  
Delta R.T.: 0.002 min  
Response: 8682573  
Conc: 56.44 ug/ml



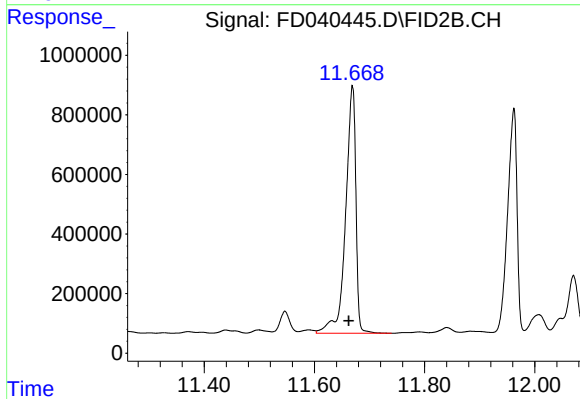
#10 Anthracene (C19.43)

R.T.: 9.934 min  
Delta R.T.: -0.002 min  
Response: 5724000  
Conc: 39.18 ug/ml



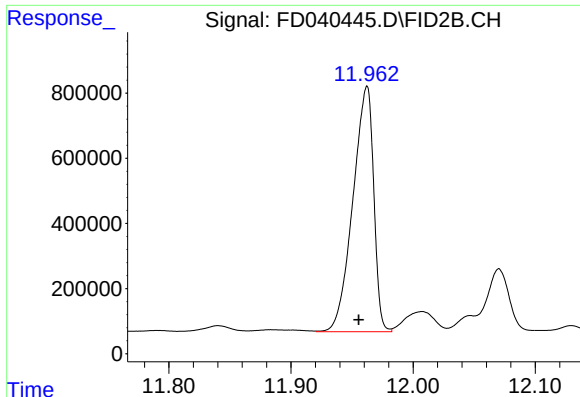
#11 ortho-Terphenyl (SURR)

R.T.: 10.634 min  
Delta R.T.: -0.001 min  
Response: 6037284  
Conc: 38.63 ug/ml



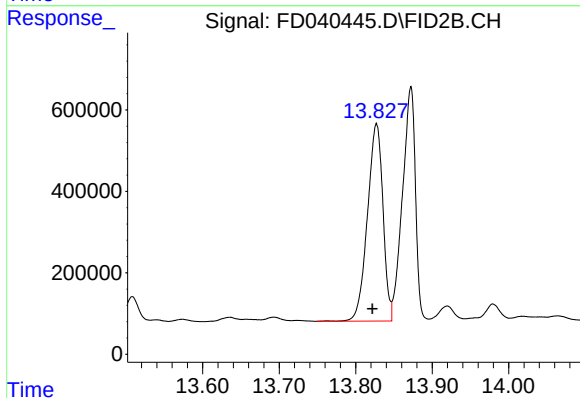
#12 Fluoranthene (C21.85)

R.T.: 11.668 min  
Delta R.T.: 0.006 min  
Response: 10729779  
Conc: 69.10 ug/ml



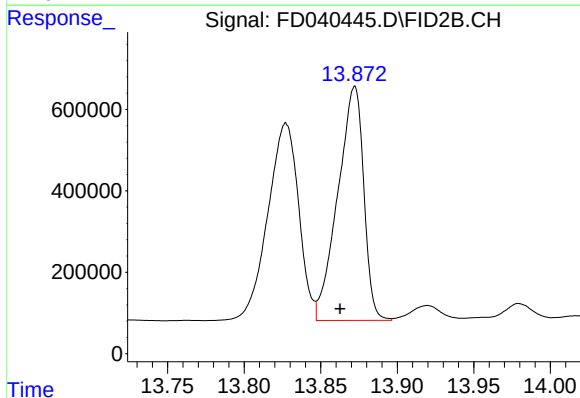
#13 Pyrene (C20.8)

R.T.: 11.961 min  
Delta R.T.: 0.006 min  
Response: 8917584  
Conc: 59.08 ug/ml



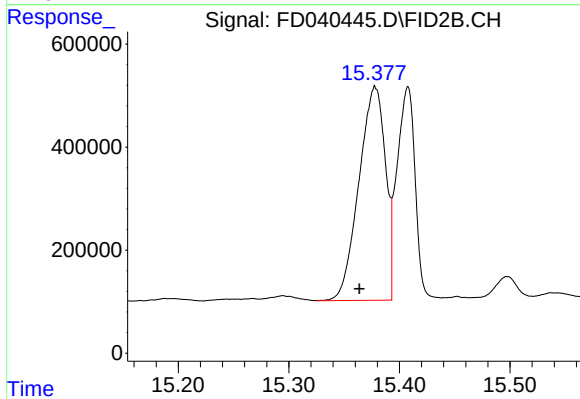
#14 Benzo[a]anthracene (C26.37)

R.T.: 13.827 min  
Delta R.T.: 0.005 min  
Response: 6821783  
Conc: 51.42 ug/ml



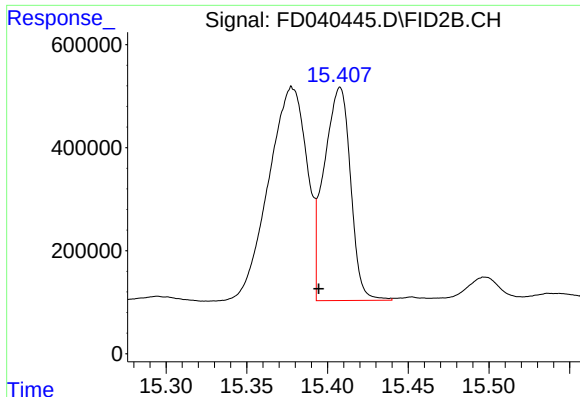
#15 Chrysene (C27.41)

R.T.: 13.872 min  
Delta R.T.: 0.009 min  
Response: 6770119  
Conc: 46.30 ug/ml



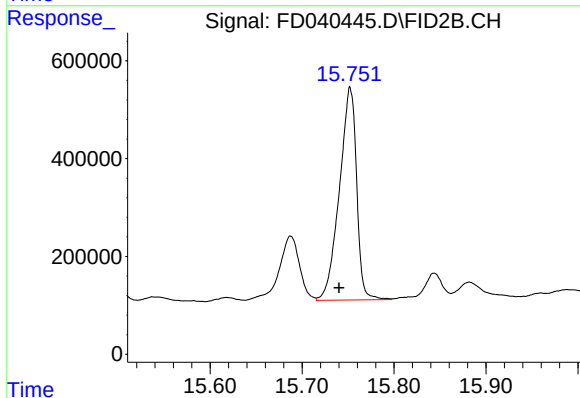
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.378 min  
Delta R.T.: 0.014 min  
Response: 6896784  
Conc: 50.47 ug/ml



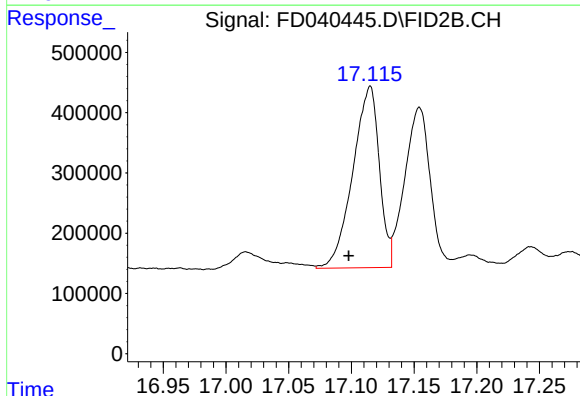
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.407 min  
Delta R.T.: 0.013 min  
Response: 4726434  
Conc: 34.15 ug/ml



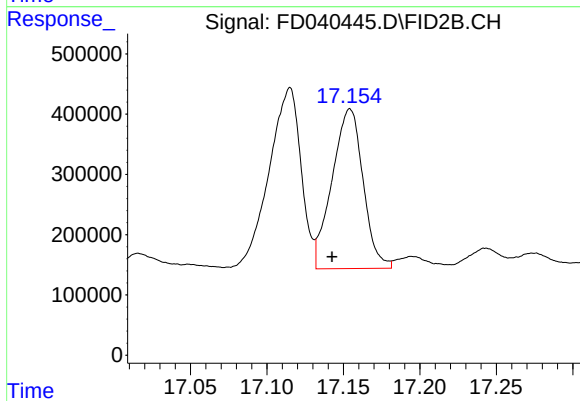
#18 Benzo[a]pyrene (C31.34)

R.T.: 15.752 min  
Delta R.T.: 0.012 min  
Response: 5663220  
Conc: 43.45 ug/ml



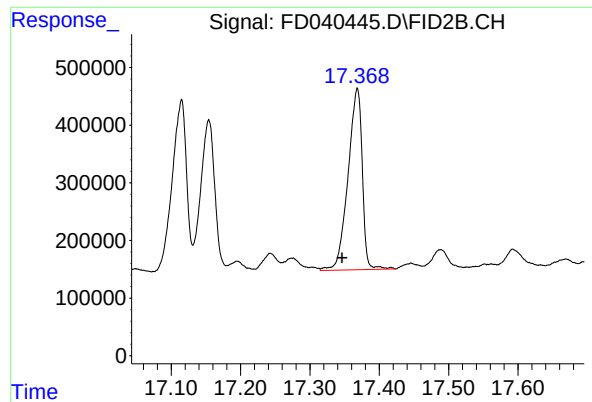
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.114 min  
Delta R.T.: 0.016 min  
Response: 4431834  
Conc: 36.37 ug/ml



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 17.154 min  
Delta R.T.: 0.011 min  
Response: 3747547  
Conc: 30.81 ug/ml



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 17.368 min  
Delta R.T.: 0.021 min  
Response: 4499816  
Conc: 35.04 ug/ml